

# SEQUENCE LISTING



<110> The University of Hong Kong  
Ng, Hon Mun

<120> Novel HEV Antigenic Peptide and Methods

<130> 8737-000010

<140> US 10/089,292

<141> 2002-08-28

<150> PCT/IB00/01393

<151> 2000-09-28

<150> CA 2,283,538

<151> 1999-09-30

<160> 20

<170> PatentIn version 3.3

<210> 1

<211> 642

<212> DNA

<213> Hepatitis E virus

<220>

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Val Lys Leu Tyr Thr Ser Val Glu Asn Ala Gln Gln Asp Lys Gly Ile	
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gca atc ccg cat gac atc gac ctc ggg gag tct cgt gta gtt att cag	144
Ala Ile Pro His Asp Ile Asp Leu Gly Glu Ser Arg Val Val Ile Gln	
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gat tat gac aac caa cat gag cag gac cga ccg aca cct tcc cca gcc	192
Asp Tyr Asp Asn Gln His Glu Gln Asp Arg Pro Thr Pro Ser Pro Ala	
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cca tcg cgc cct ttt tct gtc ctc cga gct aat gat gtg ctt tgg ctt	240
Pro Ser Arg Pro Phe Ser Val Leu Arg Ala Asn Asp Val Leu Trp Leu	
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tct ctc acc gct gcc gag tat gac cag tcc act tac ggc tct tcg acc	288
Ser Leu Thr Ala Ala Glu Tyr Asp Gln Ser Thr Tyr Gly Ser Ser Thr	
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ggc cca gtc tat gtc tct gac tct gtg acc ttg gtt aat gtt gcg acc 336  
 Gly Pro Val Tyr Val Ser Asp Ser Val Thr Leu Val Asn Val Ala Thr  
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ggc gcg cag gcc gtt gcc cgg tca ctc gac tgg acc aag gtc aca ctt 384  
 Gly Ala Gln Ala Val Ala Arg Ser Leu Asp Trp Thr Lys Val Thr Leu  
 115 120 125

gat ggt cgc ccc ctt tcc acc atc cag cag tat tca aag acc ttc ttt 432  
 Asp Gly Arg Pro Leu Ser Thr Ile Gln Gln Tyr Ser Lys Thr Phe Phe  
 130 135 140

gtc ctg ccg ctc cgc ggt aag ctc tcc ttt tgg gag gca ggt act act 480  
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aaa gcc ggg tac cct tat aat tat aac acc act gct agt gac caa ctg 528  
 Lys Ala Gly Tyr Pro Tyr Asn Tyr Asn Thr Thr Ala Ser Asp Gln Leu  
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act agc ctg ggt gct ggt ccc gtc tct att tcc gcg gtt gct gtt tta 624  
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Ala Ile Pro His Asp Ile Asp Leu Gly Glu Ser Arg Val Val Ile Gln  
 35 40 45

Asp Tyr Asp Asn Gln His Glu Gln Asp Arg Pro Thr Pro Ser Pro Ala  
 50 55 60

Pro Ser Arg Pro Phe Ser Val Leu Arg Ala Asn Asp Val Leu Trp Leu



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 Thr Arg Pro Ser Ala Pro Pro Leu Pro His Val Val Asp Leu Pro Gln  
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Thr Arg Pro Ser Ala Pro Pro Leu Pro His Val Val Asp Leu Pro Gln  
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Leu Gly Pro Arg Arg  
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Ala Ile Pro His Asp Ile Asp Leu Gly Glu Ser Arg Val Val Ile Gln  
35 40 45

Asp Tyr Asp Asn Gln His Glu Gln Asp Arg Pro Thr Pro Ser Pro Ala  
50 55 60

Pro Ser Arg Pro Phe Ser Val Leu Arg Ala Asn Asp Val Leu Trp Leu  
65 70 75 80

Ser Leu Thr Ala Ala Glu Tyr Asp Gln Ser Thr Tyr Gly Ser Ser Thr  
85 90 95

Gly Pro Val Tyr Val Ser Asp Ser Val Thr Leu Val Asn Val Ala Thr  
100 105 110

Gly Ala Gln Ala Val Ala Arg Ser Leu Asp Trp Thr Lys Val Thr Leu  
115 120 125

Asp Gly Arg Pro Leu Ser Thr Ile Gln Gln Tyr Ser Lys Thr Phe Phe  
130 135 140

Val Leu Pro Leu Arg Gly Lys Leu Ser Phe Trp Glu Ala Gly Thr Thr  
145 150 155 160

Lys Ala Gly Tyr Pro Tyr Asn Tyr Asn Thr Thr Ala Ser Asp Gln Leu  
165 170 175

Leu Val Glu Asn Ala Ala Gly His Arg Val Ala Ile Ser Thr Tyr Thr  
180 185 190

Thr Ser Leu Gly Ala Gly Pro Val Ser Ile Ser Ala Val Ala Val Leu  
195 200 205

Ala Pro Pro Pro Arg  
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